Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 23 Jun 2022 until 23:59 on Friday 24 Jun 2022

Forecast Issued on Thursday 23 Jun 2022 at 04:09

Confidence: High for initially fine and very warm conditions, and for a transition to cooler and more unsettled conditions from Thursday evening. Lower for timing and development of showers and thunderstorms.

Headline for Thursday 23 Jun 2022: A very warm and sunny day. Showers and thunderstorms developing through the afternoon and spreading north later.

Mountain weather hazards on Thursday 23 Jun 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Sunny intervals	Thundery showers	Heavy rain showers	Cloudy
Precipitation probability					
<05%	<05%	20%	30%	30%	20%

Forecast for Thursday 23 Jun 2022

Weather: Very warm in early sunshine, but cloud soon developing bringing a risk of heavy, perhaps thundery showers by the afternoon. These becoming more likely into the evening as thicker cloud and a further area of showers spreads north, before gradually easing away towards midnight. Despite this, not all will see the showers, with some routes staying dry. Away from the showers, it will be feeling very warm.

Chance of cloud-free hill tops above 600m: 80%, soon increasing to above 95%.

Low cloud and visibility: Visibility will be very good with distant hills clearly visible and cloud expected to remain above hills even in showers. Visibility may lower to moderate or poor in any heavier showers later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 23 Jun 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 SE	5/7 S	7/11 S	9/13 SE	9/15 S	9/13 S	7/10 S
300	3/4 NE	4/5 W	5/8 W	8/12 E	7/14 S	6/8 SE	5/7 S
Valley	2/4 E	1/3 S	4/7 SW	7/12 E	3/8 SE	4/8 SE	3/7 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/15	18/17	20/18	20/18	18/16	15/13	15/14
300	17/17	20/20	22/22	22/21	20/18	17/17	16/16
Valley	17/17	21/22	24/24	26/25	23/23	17/17	15/16
Freezing Level*	2700m	2700m	2800m	3100m	3100m	3000m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be very high during the middle of the day and therefore good sun protection is recommended. Sudden downpours are possible during the afternoon with lightning and gusty winds possible additional hazards. Thin waterproof layers recommended, and be ready to descend off exposed and steep terrain during any thundery showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 23 Jun 2022	0mm	0mm	0mm

Forecast for Friday 24 Jun 2022

Weather: A largely cloudy and unsettled day on Friday with some bright, sunny spells interspersed with scattered showers. Showers may merge to give more prolonged downpours, heavy at times with a risk of thunder. Feeling less warm.

Maximum wind: Southerly 15-20mph, gusting to 30mph.

Chance of cloud-free hill tops above 600m: 60%, increasing to 80% by midday.

Low cloud and visibility: Cloud may cover a few hills down to around 500m initially, but likely lifting above tops through the morning, although returning to around 500m during any heavier showers. Otherwise generally good to very good, but falling to moderate in showers.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 22 Celsius.
At 600m: Plus 11 Celsius rising to Plus 18 Celsius.
Freezing level: Above summits.

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